

**Name: - Sagar Barawakar**  
**AWS DevOps Engineer**

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## OBJECTIVE

To work for the betterment of the organization that provides a platform to use and compound my skills, knowledge and to work for growth of the organization and individual perspective.

## PROFESSIONAL SYNOPSIS

- A detail oriented professional with 3.1 years of experience in AWS DevOps.
- Experienced in strategy and practical implementation of AWS Cloud-Specific technologies which include EC2, EBS, S3, VPC, RDS, ELB, ECS, Cludoformation Cloudwatch,, Lambda and RDS MySQL.
- Worked on cross platform tools such as version control.
- Experienced in setting up Baselines, Branching, Merging, Develop, manage Pre-and Post-commit hook scripts; provide support for parallel development.
- Experience working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost-effective, fault tolerant and highly available systems.
- Managed Linux and Windows virtual servers on AWS EC2 using Chef Server. Configured and monitored distributed and multi-platform servers using Chef.
- Managed on-site OS/Applications/Services/Packages using Chef as well as AWS for EC2/S3 & ELB with Chef Cookbooks. Installed Chef-Server Enterprise On-Premise/WorkStation/ Bootstrapped the Nodes using Knife.
- Wrote recipes and cookbooks and uploaded them to the Chef server.
- Worked with Chef Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes.
- Experienced in Branching, Merging, Tagging and maintaining the version across the environments using SCM tools like GIT on Linux platforms.
- Worked with GIT version controls. Setting up new development branches, merging branches, facilitating the releases.
- Setting up the new repos, managing the permissions for various GIT branches. Creating adhoc GIT stashes.
- Integrated Maven with Jenkins for Continuous Integration process
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
- Extensive experience using MAVEN as a Build Tool for the building of deployable artifacts from source code to write Pom.xml and Build.xml respectively.
- Worked on installation of Docker using Docker toolbox.
- Worked on creation of custom Docker container images, tagging and pushing the images.
- Worked on installing of Docker using Docker toolbox. Created Docker images using a Docker file. Worked on Docker container snapshots, removing images, and managing Docker volumes.
- Automated the process of Apache Webserver installation, configuration using Ansible.
- Redesigned and redeployed the Nagios implementation.
- Deployment and management of many servers via script and chef, utilizing cloud providers as a direct Jira.

## WORK EXPERIENCE

**Company:** SoftwareEra Technologies

**Project Name:** Continuous Integration and Continuous Delivery using Jenkins and Ansible

**Experience:** Nov 2019 - present (3.2 year)

- Involved in designing and deploying multitude applications utilizing almost all AWS stack (Including EC2, Route53, S3, RDS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
- Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloudformation JSON templates.
- Worked on Amazon AWS EC2 cloud services for installing, configuring and troubleshooting on various Amazon images like Amazon, Linux AMI, Red hat Ubuntu
- Launched Amazon EC2 Cloud Instances using Amazon Images (Linux/ RHEL) and configuring launched instances with respect to specific applications.
- Installation and configuration of CM related software in UNIX and Windows environments, using UNIX commands and Windows Navigation.
- Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation-using Jenkins along with Python and Shell scripts to automate routine jobs.
- Built deployment pipelines using Jenkins as a frontend for continuous deployment to local staging and test environments and to production environments on demand, using a combination of Ruby, Ansible, AWS tools, and shell scripting.
- Responsible for design and maintenance of the Subversion/GIT Repositories, views, and the access control strategies.
- Managed version control tool GIT to version code changes to help developers/programmers branch/merge/revert code.
- Provided Build support, built and deployed to lower and higher environments.
- Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
- Served as Point of Contact (POC) to provide KT on configuration management to write CHEF automation scripts to migrate automation from deploy to CHEF.
- Designing and implementing for fully automated server build management, monitoring and deployment by using DevOps technologies like Chef.
- Configured multiple cookbooks, recipes, templates and attributes on workstations to be deployed to various Chef Nodes.
- To creating Docker Containers from scratch.
- To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load-balancing tool Nginx.
- Responsible for monitoring servers, applications and switches using Nagios.
- Environment: Shell Scripts, GIT, Jenkins, Ansible, Chef, Maven, Hypervisor, Stash, Linux, Bash, Cloud Formation, VMware, Tomcat Apache, and set up Nagios monitoring system on a dedicated Amazon EC2 server, developed several custom plugins for monitoring availability and performance of AWS EC2 instances,
- Incident management reports, including initial problem analysis, management status, resolution, and follows up defect reporting in an automated fashion.
- Worked hands-on to create automated, containerized cloud application platforms (PAAS), and design and implement DevOps processes that use those platforms.
- Working on Docker engine to create and use containers; SaaS-based services for creating and sharing Docker services in Docker hub.
- Designed and implemented virtual learning environments, using Docker,
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition

## EDUCATIONAL DETAILS

- **Savitribai Phule Pune University, Pune, Maharashtra(BE)** **2015**
- **Maharashtra State Board (HSC)** **2011**

## PERSONAL DETAILS

Name : Barawakar Sagar Dattatraya  
Date of Birth : 07 Nov1993  
Gender : Male  
Nationality : Indian  
Strength : Hard working & honest  
Language known : English, Marathi, Hindi  
Current Address : At: Pimpalgaon (Alwa) Post: GhodegaonTal: Jamkhed  
Dist:Ahmednagar.

## DECLARATION

I hereby declare that all the above-mentioned information is best of my knowledge and belief.

Place: Pune

Date: 14-11-2022

Name

Barawakar Sagar Dattatraya